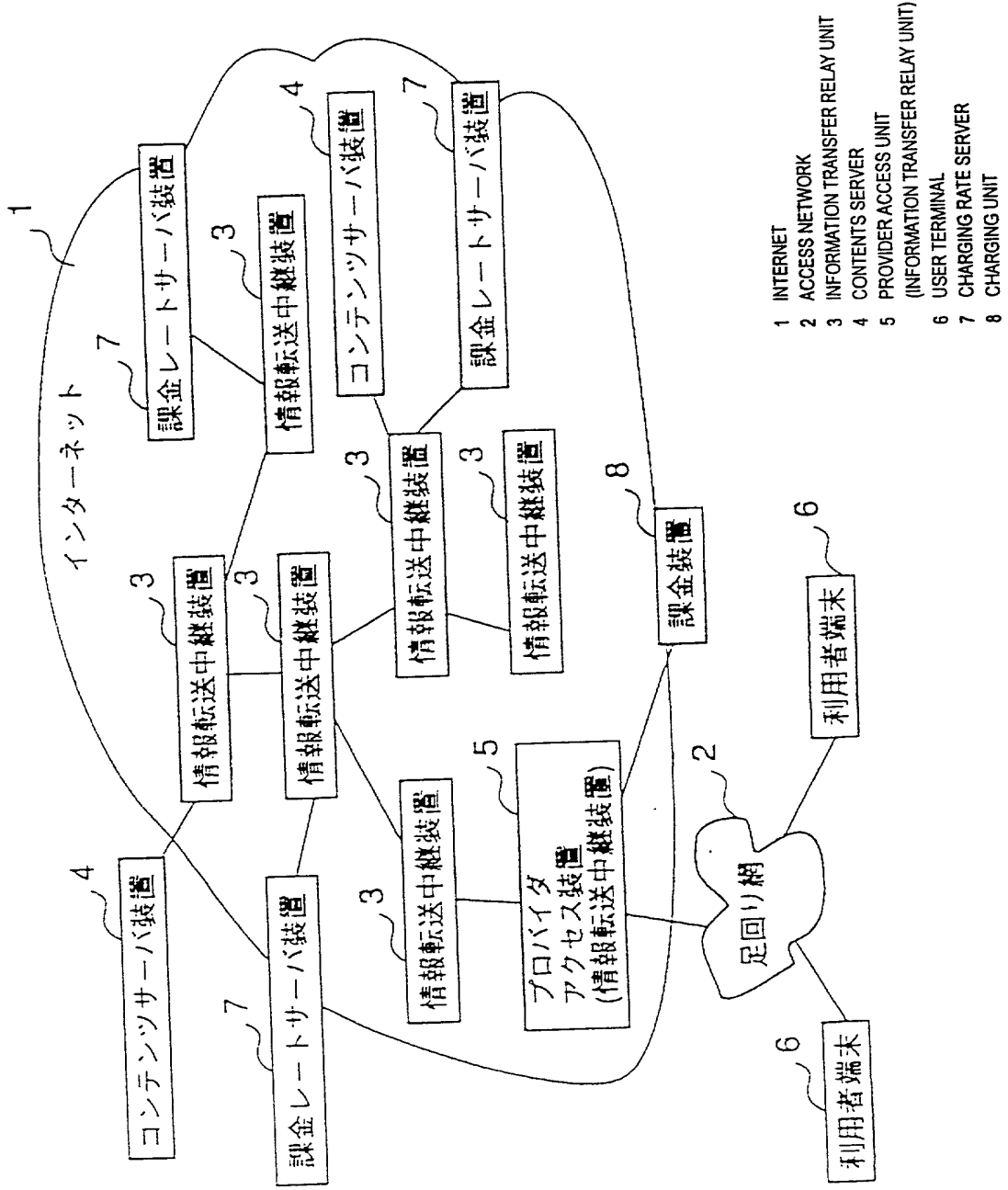


1/17

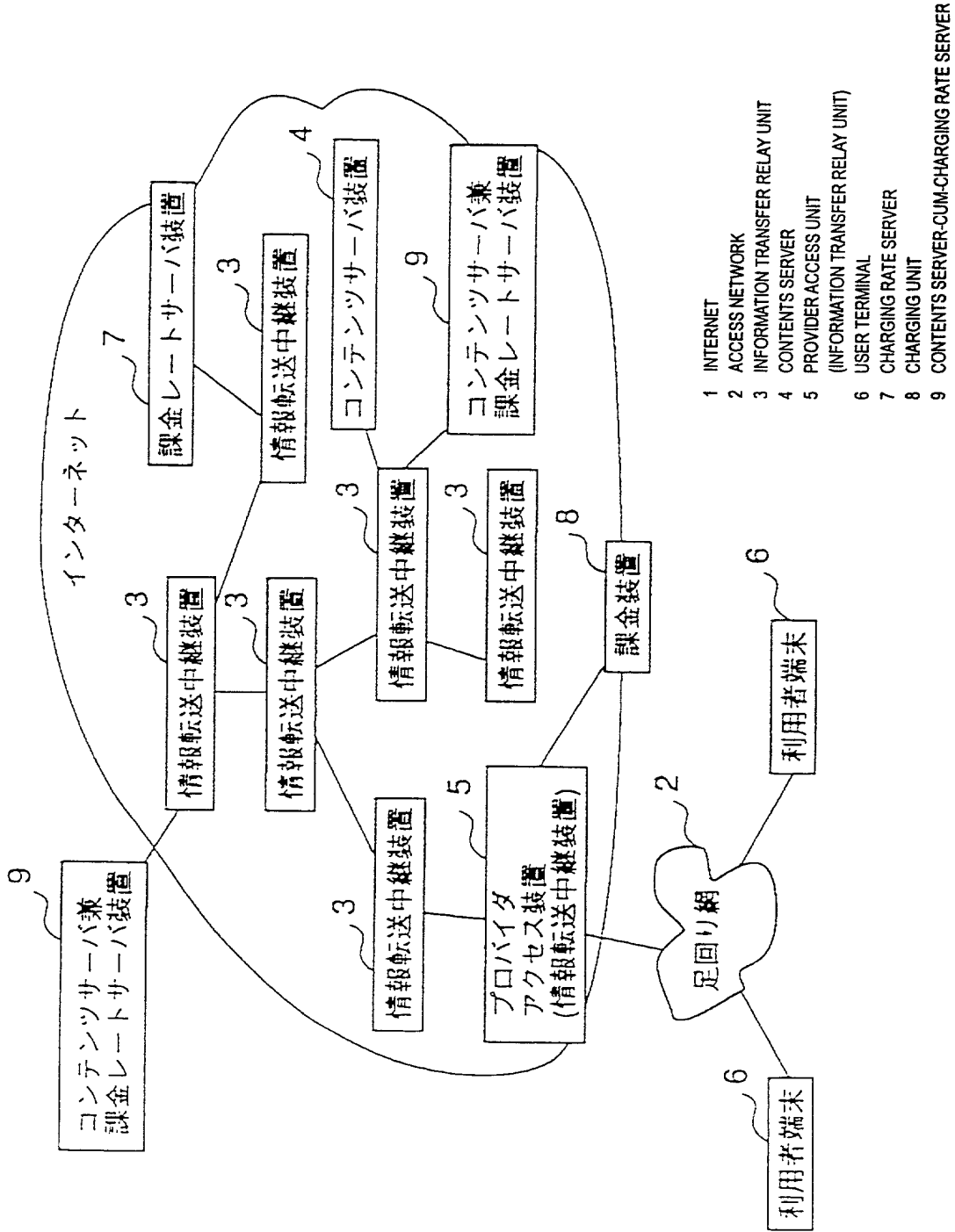
FIG. 1

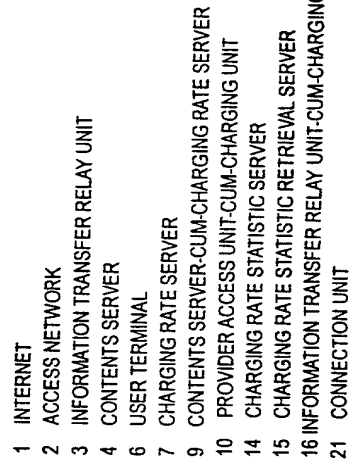
FIG. 1



2/17

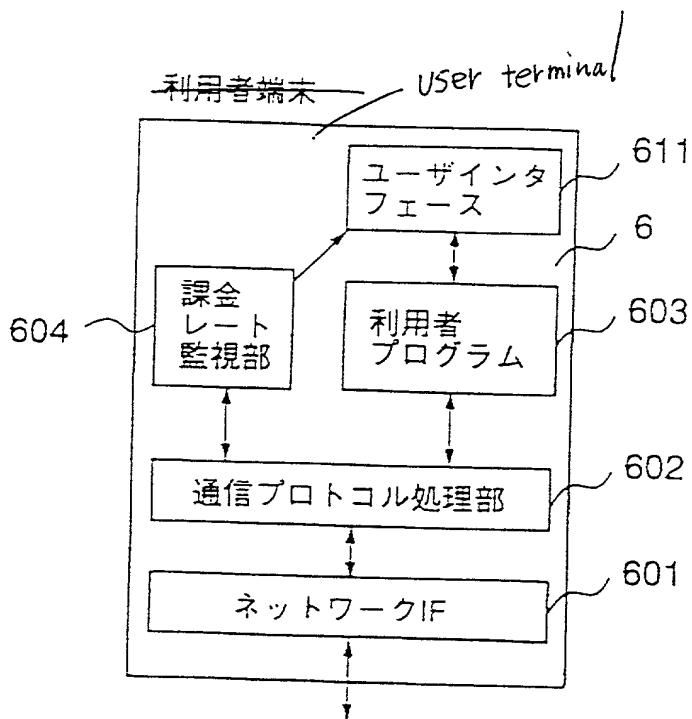
FIG. 2





4/17

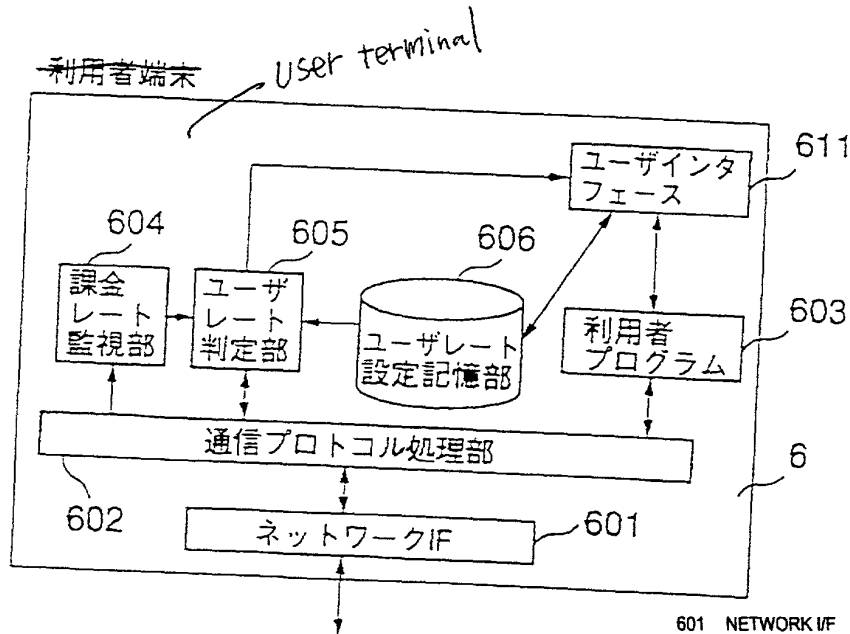
FIG. 4



- 601 NETWORK I/F
- 602 COMMUNICATION PROTOCOL PROCESSING SECTION
- 603 USER PROGRAM
- 604 CHARGING RATE MONITOR SECTION
- 611 USER INTERFACE

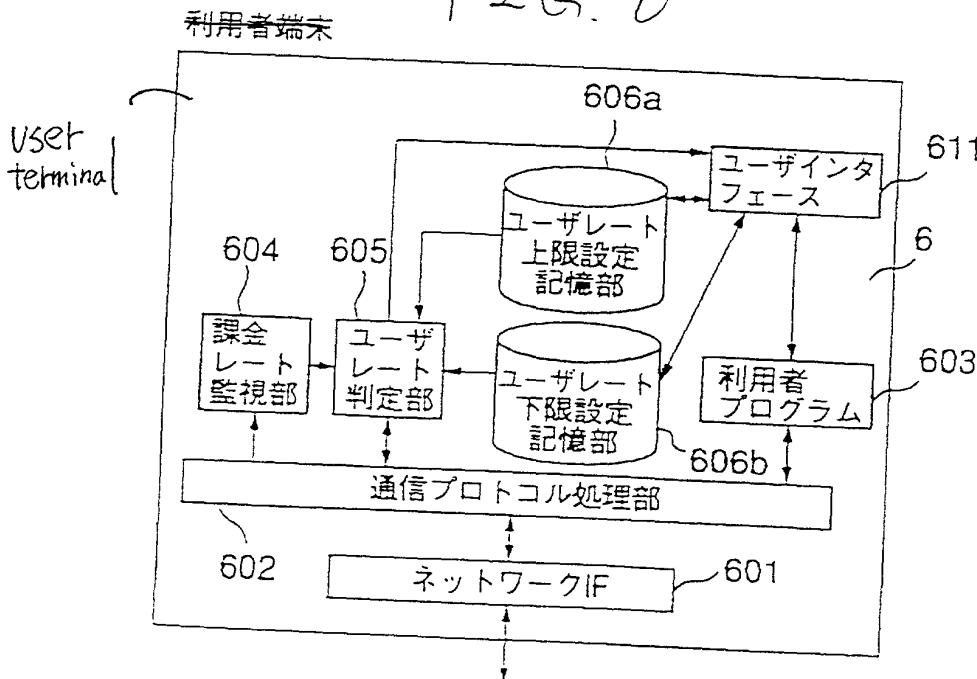
5/17

FIG. 5



- 601 NETWORK I/F
- 602 COMMUNICATION PROTOCOL PROCESSING SECTION
- 603 USER PROGRAM
- 604 CHARGING RATE MONITOR SECTION
- 605 USER RATE DETERMINATION SECTION
- 606 USER RATE SETTING STORAGE SECTION
- 611 USER INTERFACE

FIG. 6



- 601 NETWORK I/F
- 602 COMMUNICATION PROTOCOL PROCESSING SECTION
- 603 USER PROGRAM
- 604 CHARGING RATE MONITOR SECTION
- 605 USER RATE DETERMINATION SECTION
- 606a USER RATE UPPER LIMIT SETTING STORAGE SECTION
- 606b USER RATE LOWER LIMIT SETTING STORAGE SECTION

FIG. 5

6/17

FIG. 7

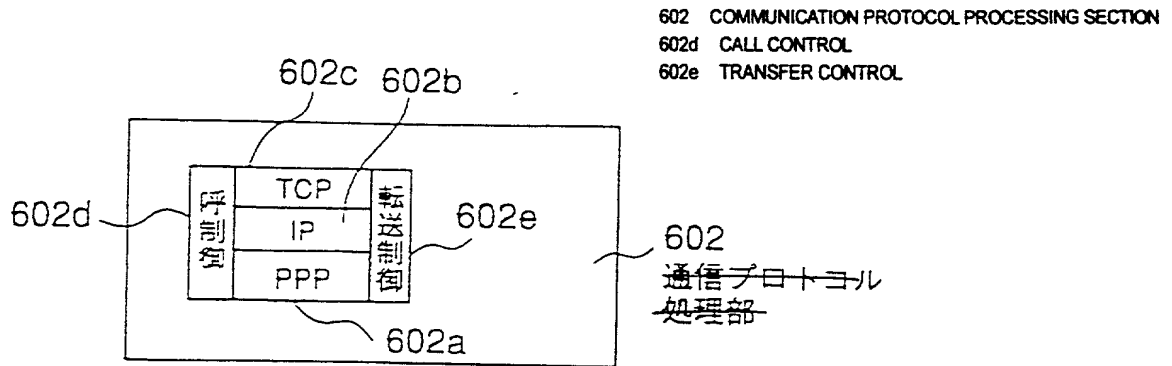
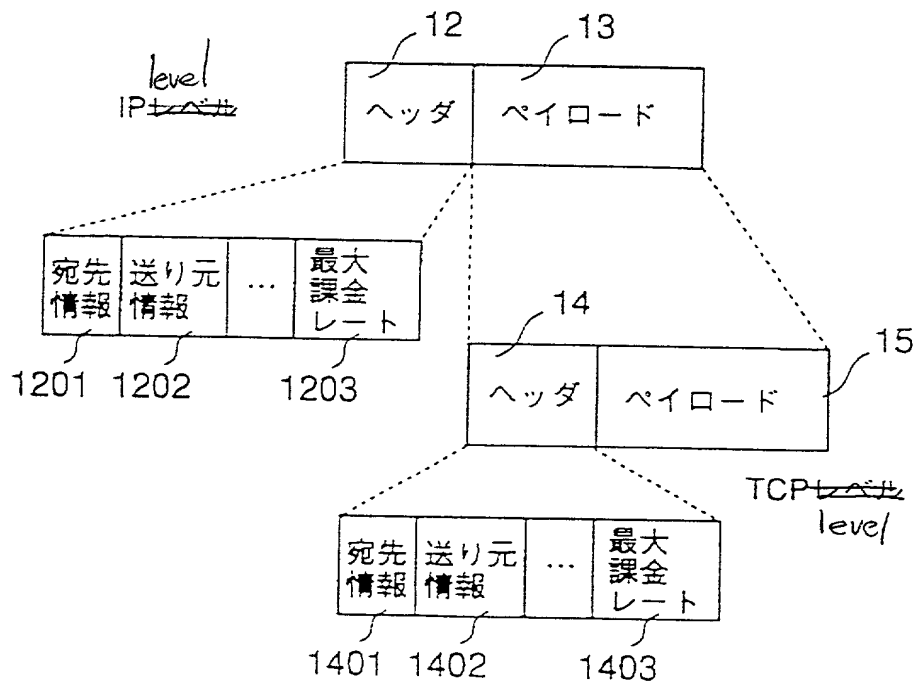


FIG. 8



- 12 HEADER
- 13 PAYLOAD
- 1201 DESTINATION INFORMATION
- 1202 SOURCE INFORMATION
- 1203 MAXIMUM CHARGING RATE
- 14 HEADER
- 15 PAYLOAD
- 1401 DESTINATION INFORMATION
- 1402 SOURCE INFORMATION
- 1403 MAXIMUM CHARGING RATE

7/17

FIG. 9

- 3 INFORMATION TRANSFER RELAY UNIT  
301 NETWORK IF  
302 COMMUNICATION PROTOCOL PROCESSING SECTION  
303 TRANSFER CONTROL PROGRAM  
304 CHARGING RATE MONITOR SECTION  
305 USER CHARGING RATE MONITOR SECTION  
306 SERVER SERVICE CHARGING RATE STORAGE SECTION  
307 MAXIMUM-CHARGING-RATE-BY-USER STORAGE SECTION  
308 TRANSFER-DETERMINATION-BY-USER SECTION

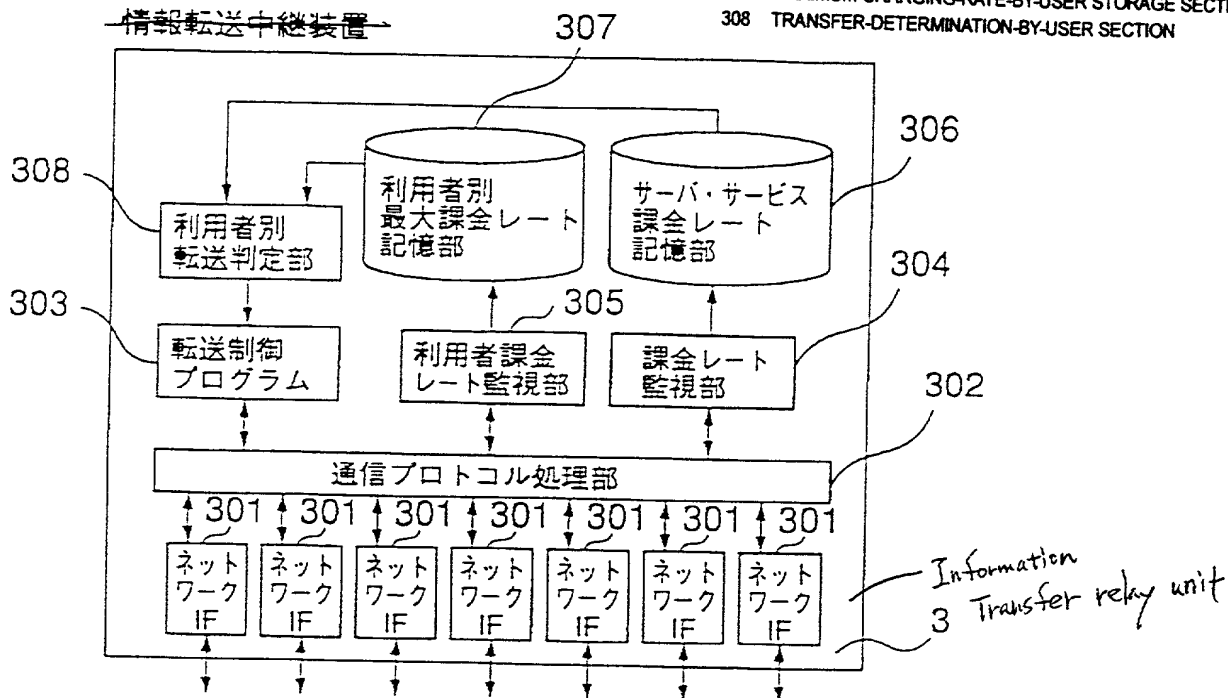
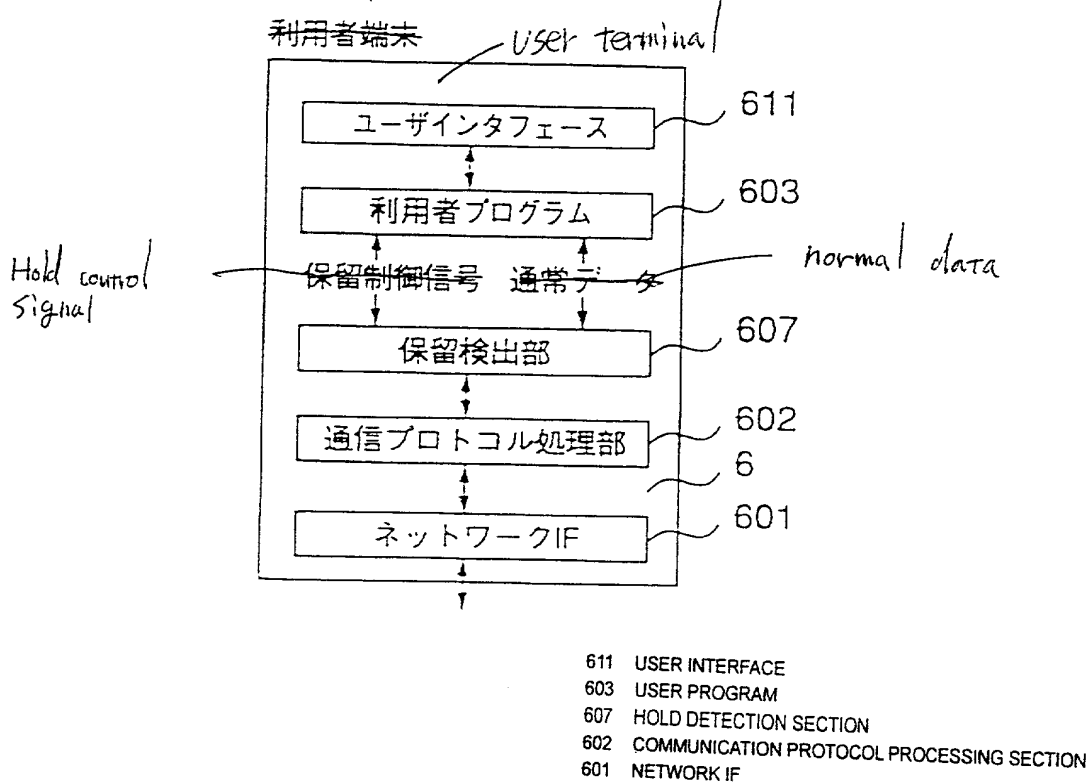


FIG. 10



8/17

FIG. 11

- 401 NETWORK IF
- 402 COMMUNICATION PROTOCOL PROCESSING SECTION
- 403 CONTENTS SENDING CONTROL SECTION
- 404 CONTENTS STORAGE SECTION
- 405 CONGESTION DEGREE MONITOR SECTION
- 406 CHARGING RATE STORAGE SECTION
- 407 CHARGING RATE SENDING SECTION

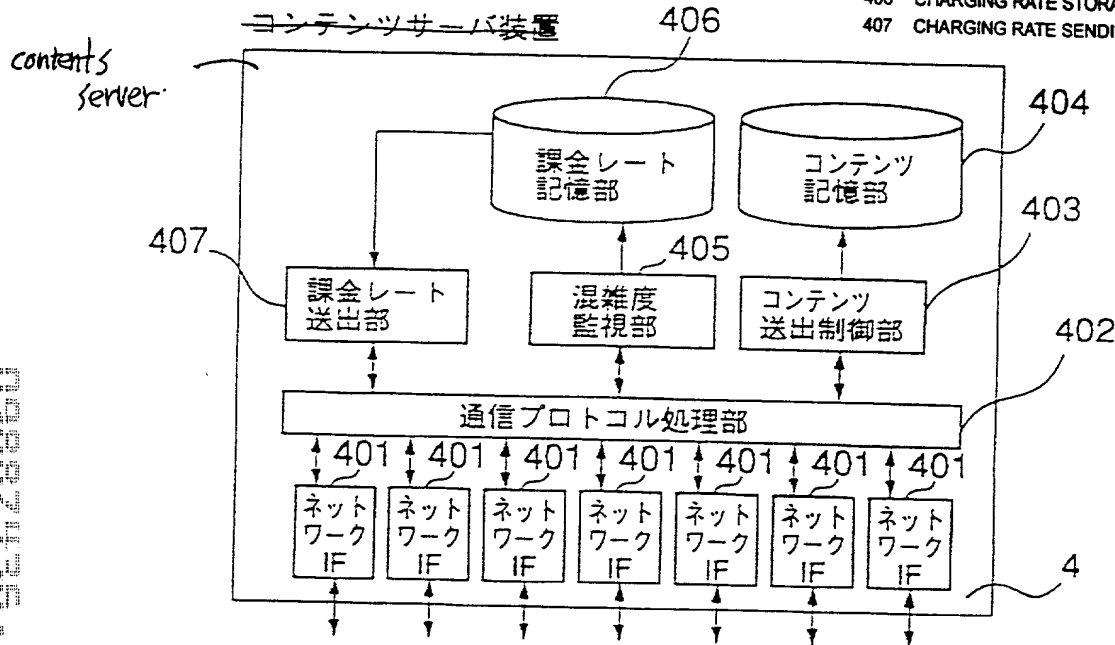
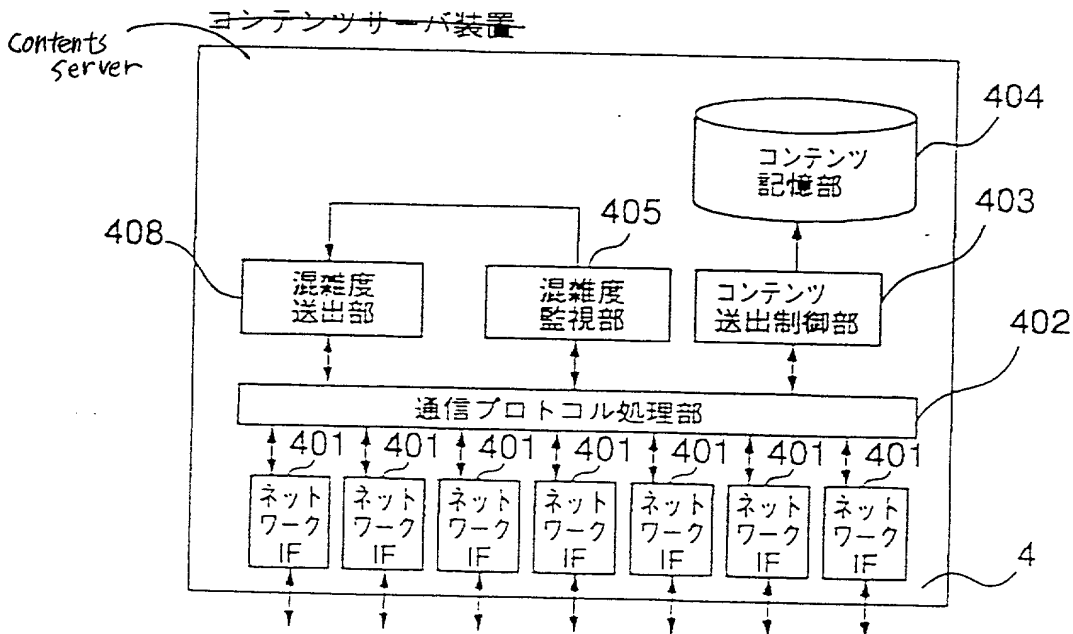


FIG. 12



- 401 NETWORK IF
- 402 COMMUNICATION PROTOCOL PROCESSING SECTION
- 403 CONTENTS SENDING CONTROL SECTION
- 404 CONTENTS STORAGE SECTION
- 405 CONGESTION DEGREE MONITOR SECTION
- 408 CONGESTION DEGREE SENDING SECTION



9/17

FIG. 13

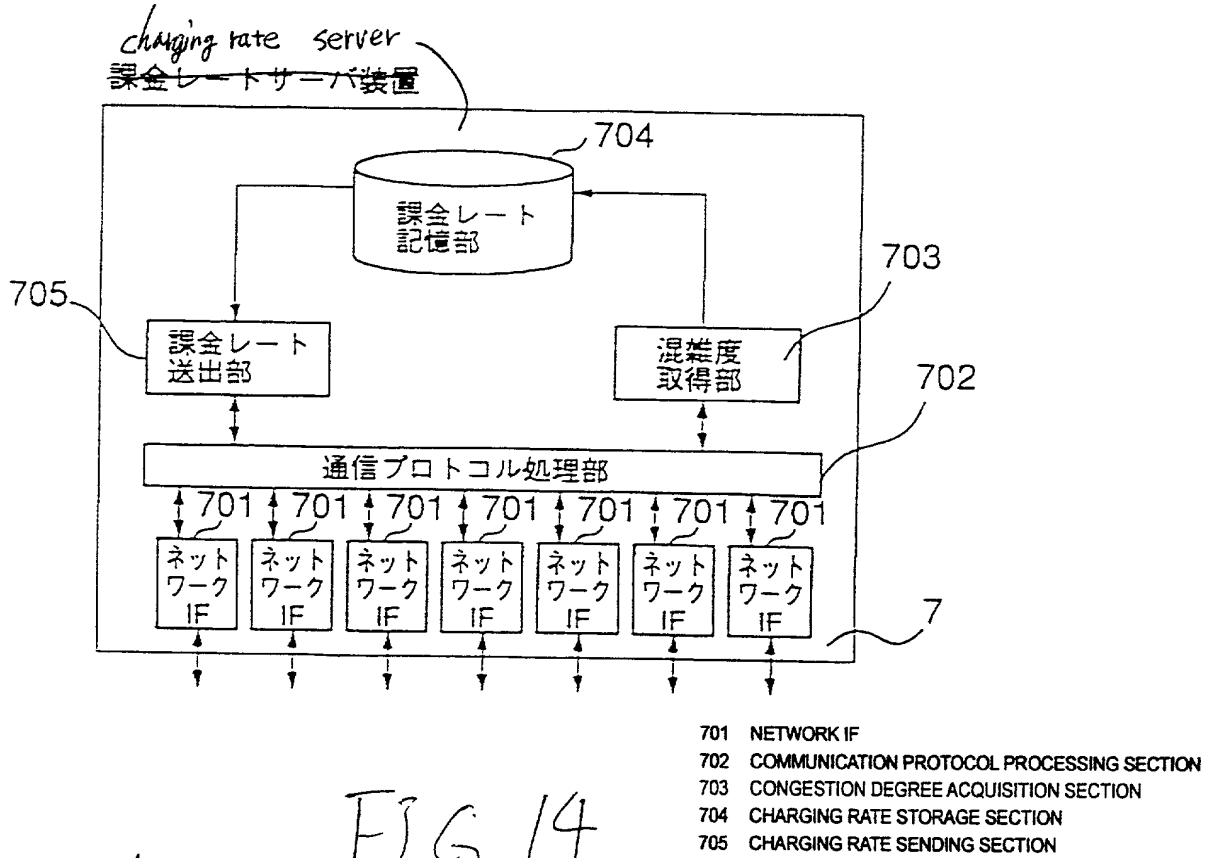
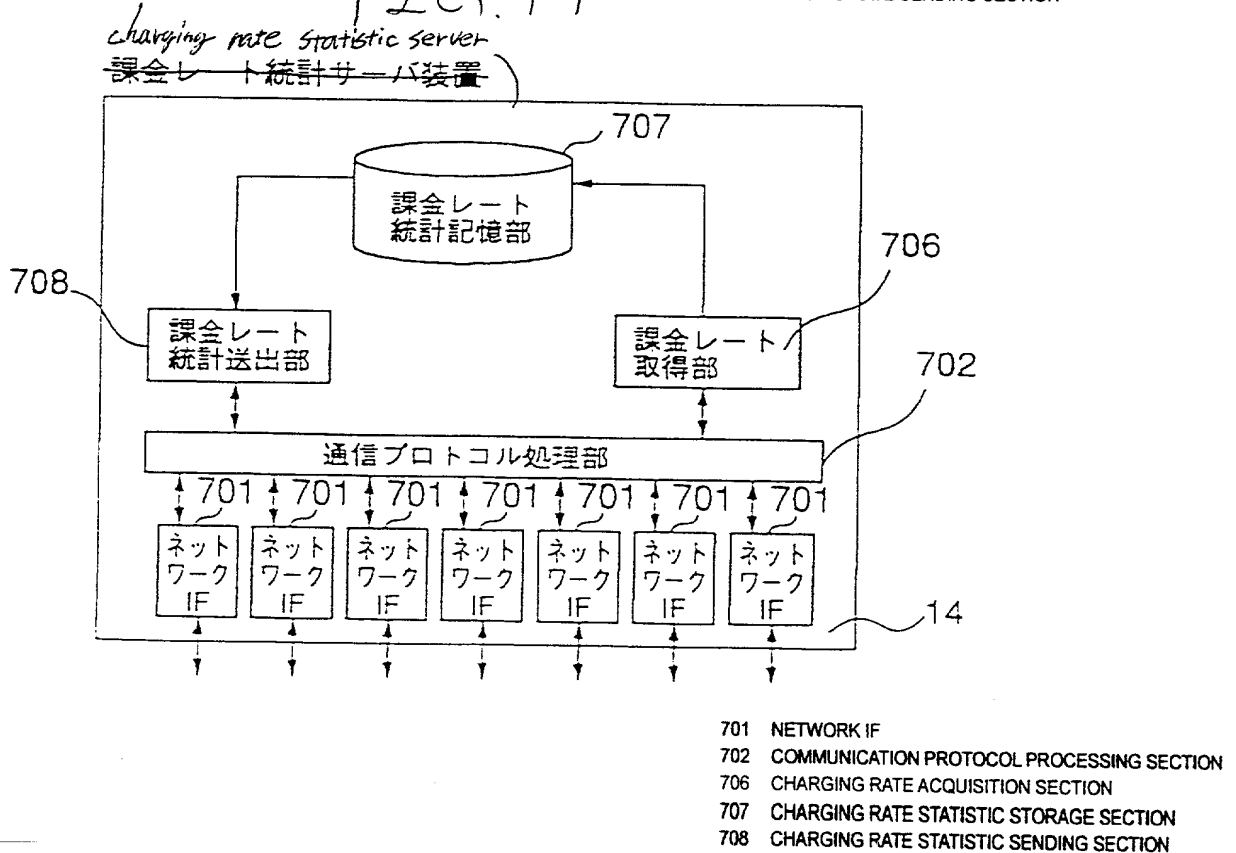
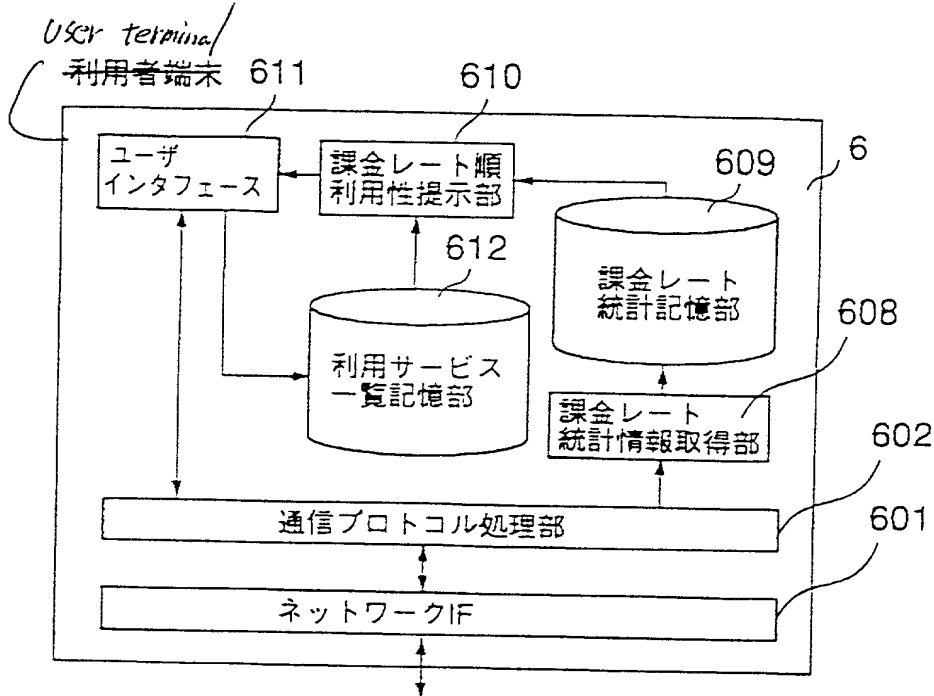


FIG. 14



10/17

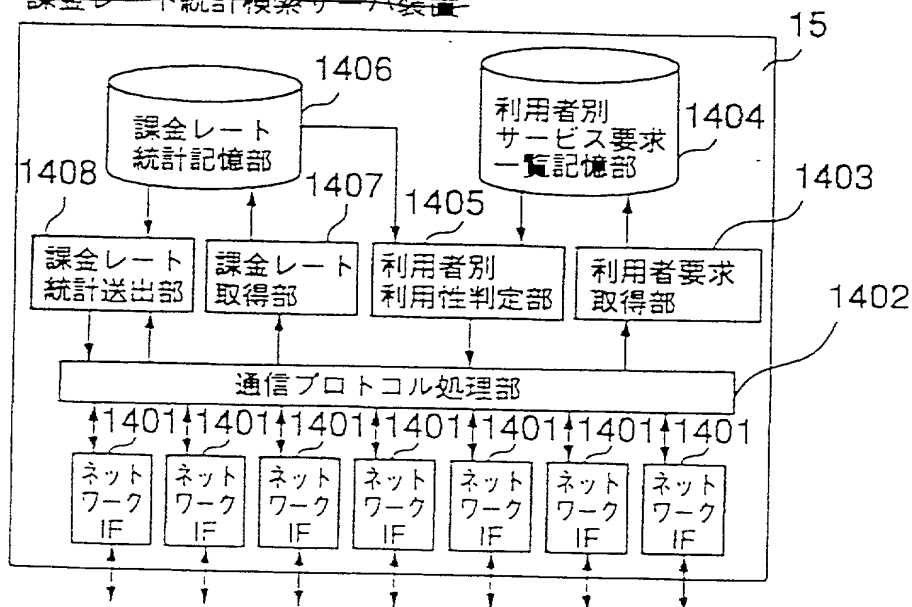
FIG. 15



- 601 NETWORK I/F
- 602 COMMUNICATION PROTOCOL PROCESSING SECTION
- 608 CHARGING RATE STATISTICAL INFORMATION ACQUISITION SECTION
- 609 CHARGING RATE STATISTICAL STORAGE SECTION
- 610 CHARGING RATE ORDER AVAILABILITY SHOWING SECTION
- 611 USER INTERFACE
- 612 USE SERVICE LIST STORAGE SECTION

FIG. 16

charging rate statistic retrieval server  
課金レート統計検索サーバ装置

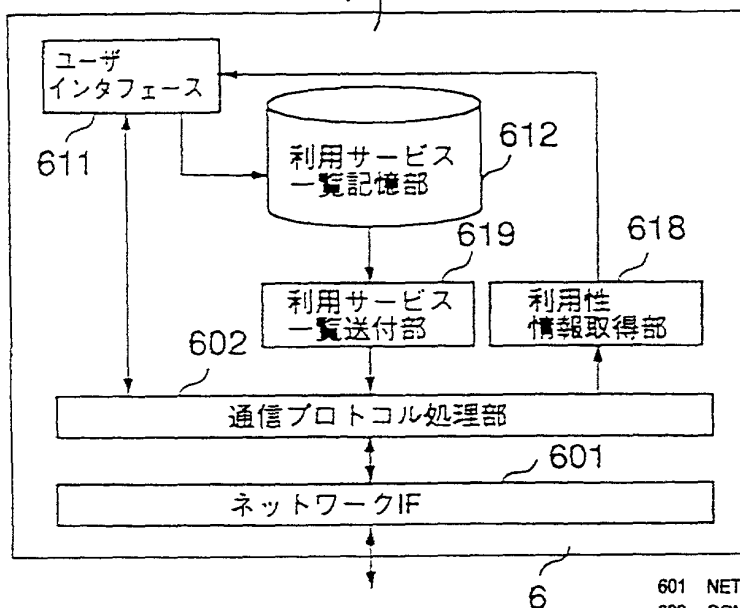


- 1401 NETWORK I/F
- 1402 COMMUNICATION PROTOCOL PROCESSING SECTION
- 1403 USER REQUEST ACQUISITION SECTION
- 1404 SERVICE-REQUEST-LIST-BY-USER STORAGE SECTION
- 1405 AVAILABILITY-BY-USER DETERMINATION SECTION
- 1406 CHARGING RATE STATISTICAL STORAGE SECTION

11/17

FIG. 17

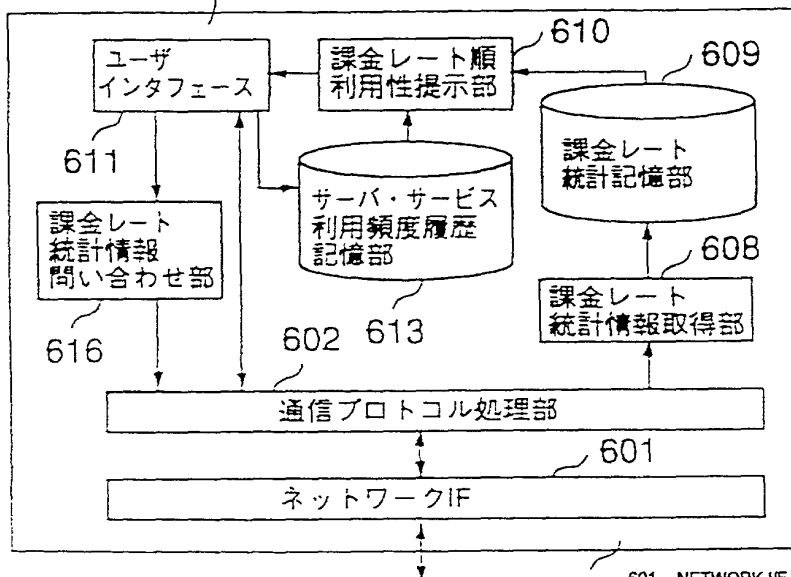
利用者端末 *User terminal*



- 601 NETWORK I/F
- 602 COMMUNICATION PROTOCOL PROCESSING SECTION
- 611 USER INTERFACE
- 612 USE SERVICE LIST STORAGE SECTION
- 618 AVAILABILITY INFORMATION ACQUISITION SECTION
- 619 USE SERVICE LIST SENDING SECTION

FIG. 18

*User terminal*  
利用者端末



- 601 NETWORK I/F
- 602 COMMUNICATION PROTOCOL PROCESSING SECTION
- 608 CHARGING RATE STATISTICAL INFORMATION ACQUISITION SECTION
- 609 CHARGING RATE STATISTICAL STORAGE SECTION
- 610 CHARGING RATE ORDER AVAILABILITY SHOWING SECTION
- 611 USER INTERFACE

12/17

FIG. 19

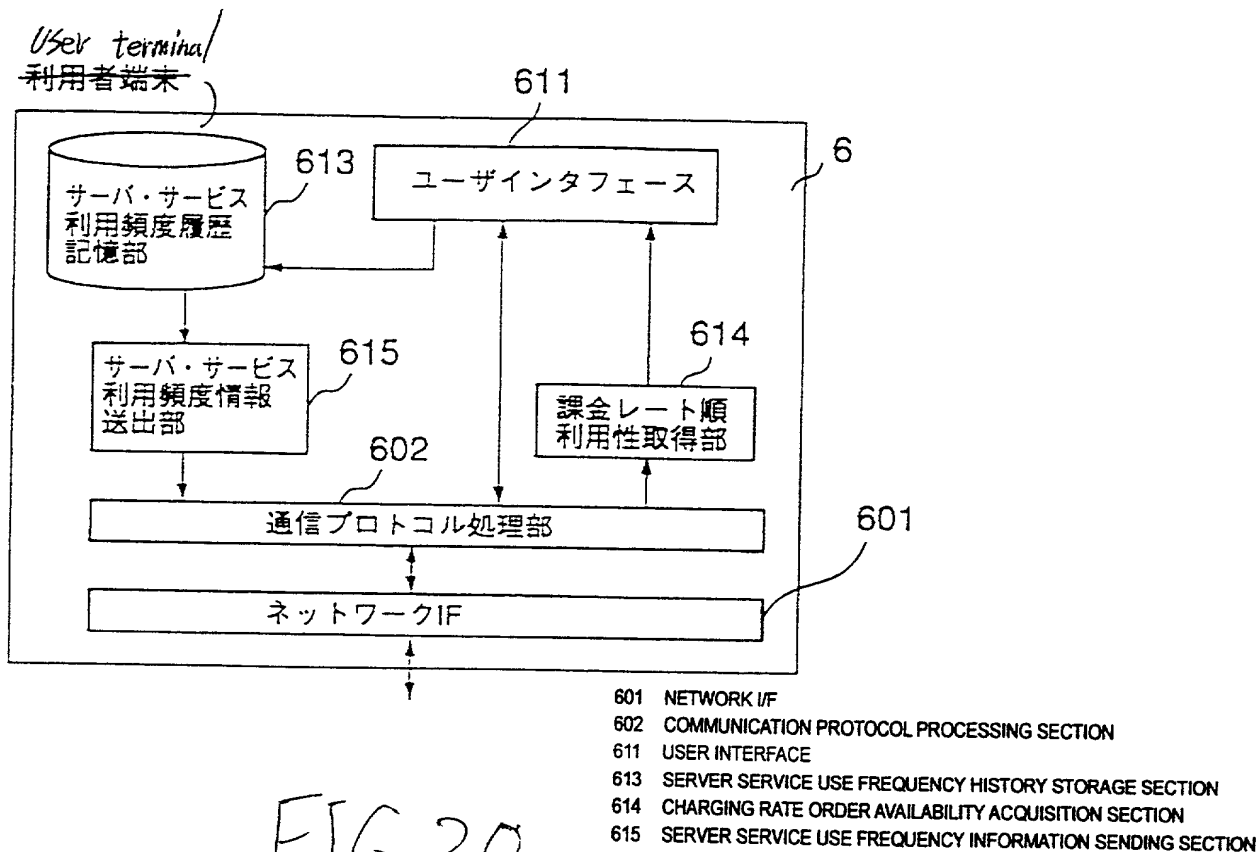
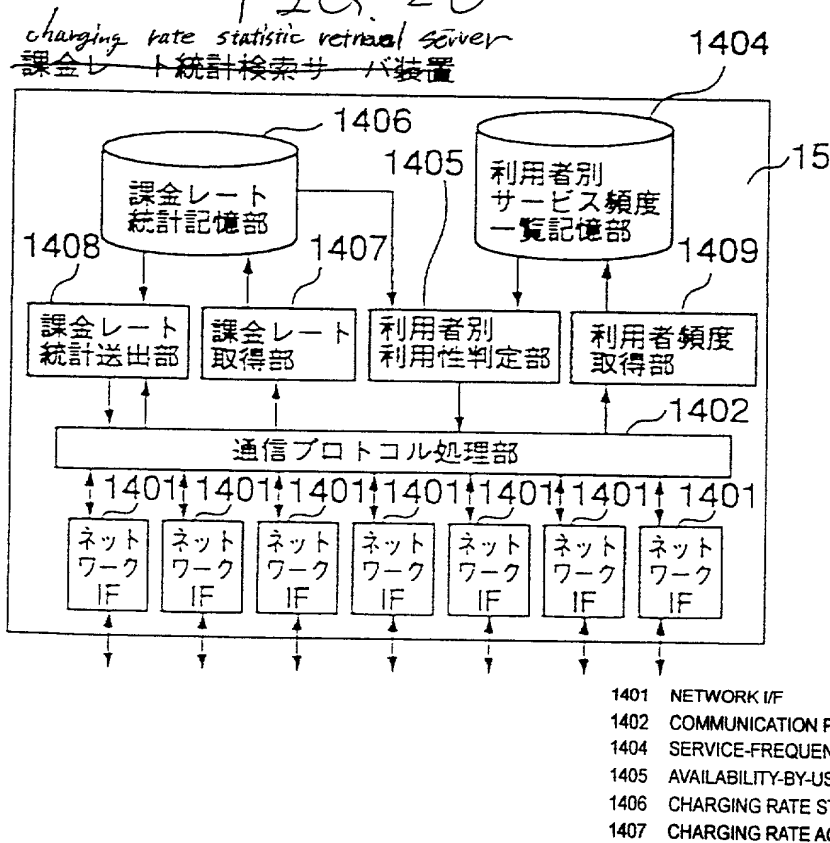


FIG. 20



- 301 NETWORK IF  
302 COMMUNICATION PROTOCOL PROCESSING SECTION  
303 TRANSFER CONTROL PROGRAM  
304 CHARGING RATE MONITOR SECTION  
305 USER CHARGING RATE MONITOR SECTION  
306 SERVER SERVICE CHARGING RATE STORAGE SECTION  
307 MAXIMUM-CHARGING-RATE-BY-USER STORAGE SECTION  
308 TRANSFER-DETERMINATION-BY-USER SECTION  
309 USER SERVER SERVICE USE MONITOR SECTION  
310 USER USE SERVER SERVICE FREQUENCY INFORMATION SENDING SECTION  
311 SERVER-SERVICE-USE-FREQUENCY-BY-USER STORAGE SECTION

FIG. 21

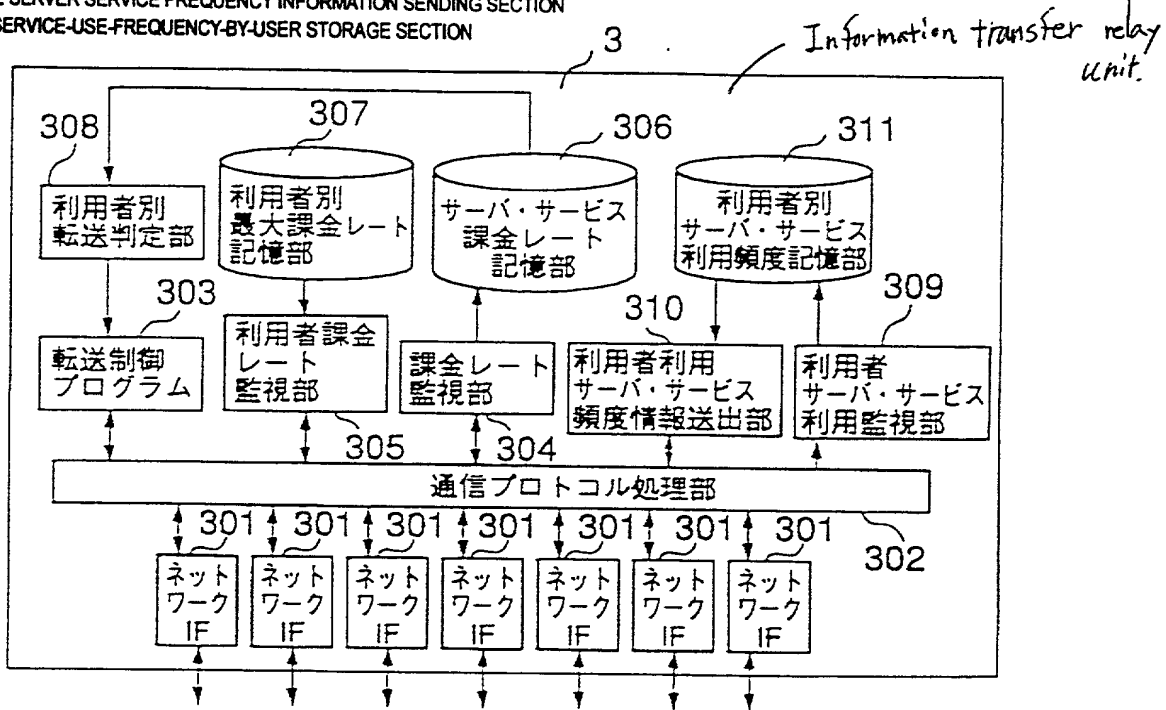
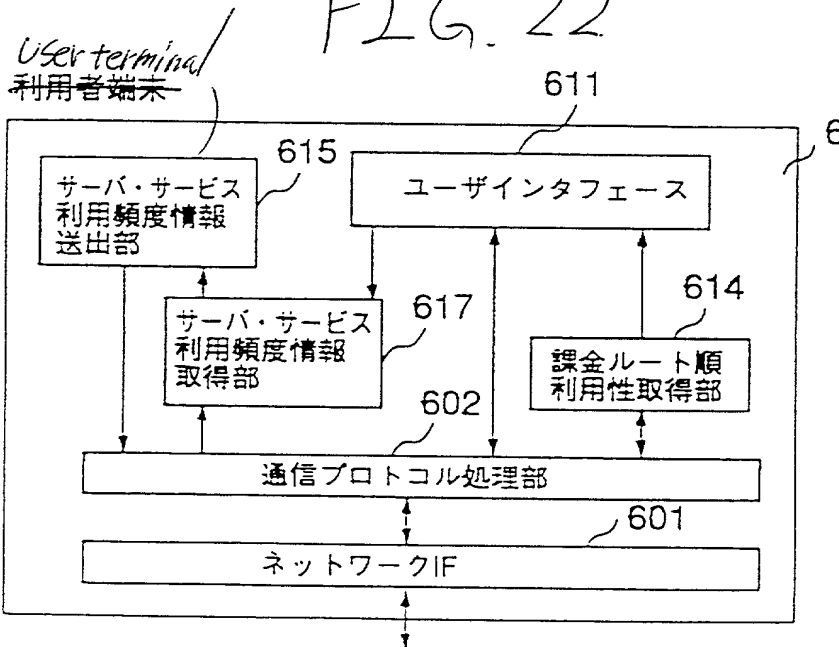


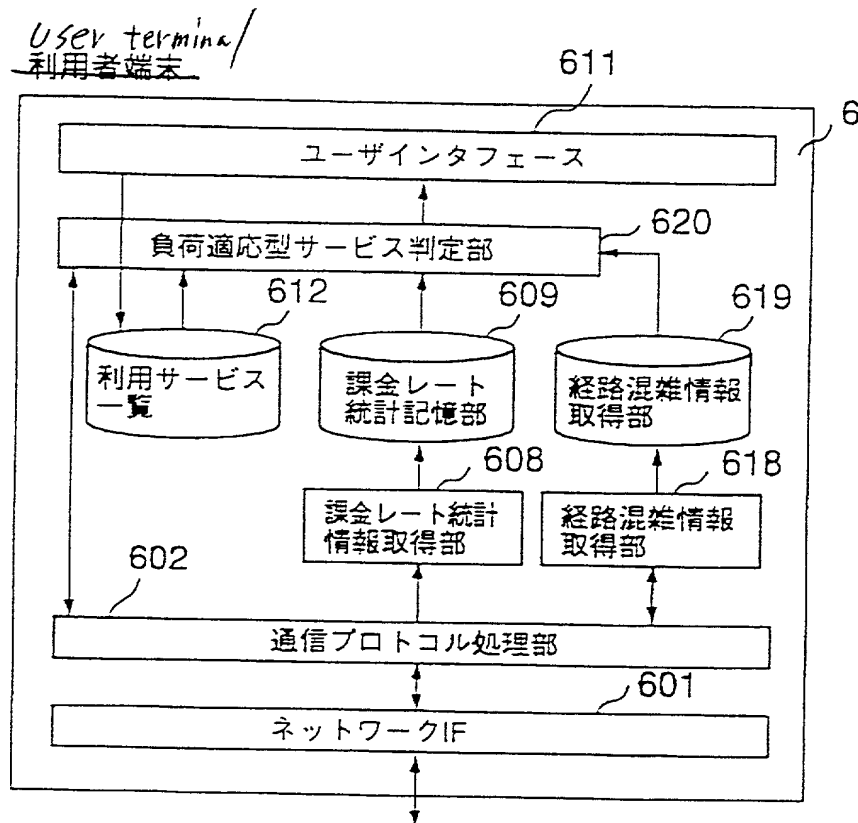
FIG. 22



- 601 NETWORK I/F  
602 COMMUNICATION PROTOCOL PROCESSING SECTION  
611 USER INTERFACE  
614 CHARGING RATE ORDER AVAILABILITY ACQUISITION SECTION  
615 SERVER SERVICE USE FREQUENCY INFORMATION SENDING SECTION  
617 SERVER SERVICE USE FREQUENCY INFORMATION ACQUISITION SECTION

14/17

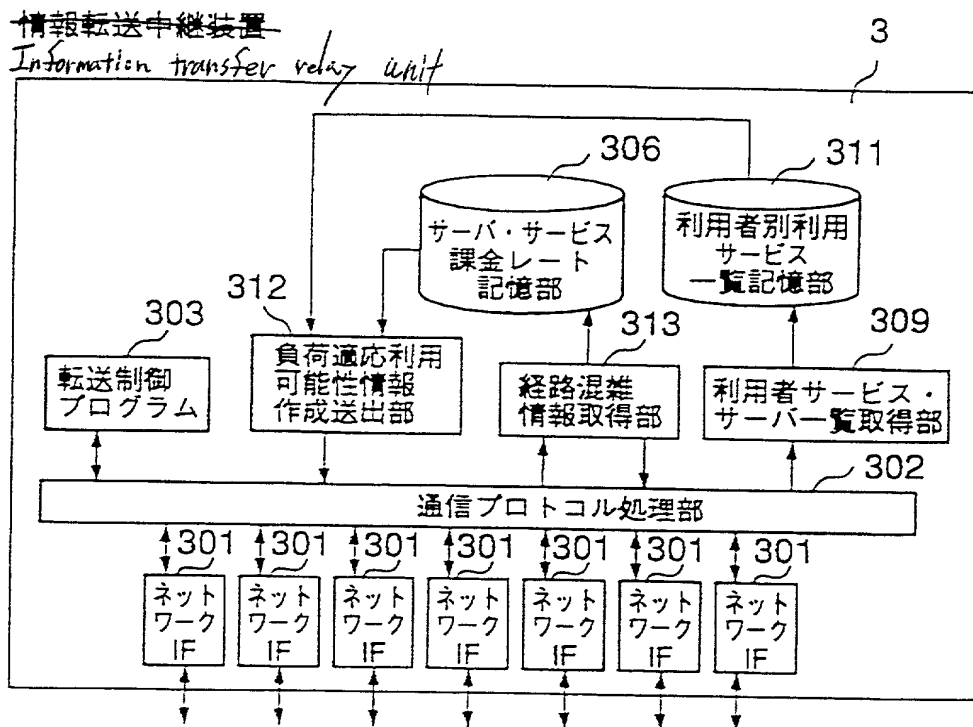
FIG. 23



- 601 NETWORK I/F
- 602 COMMUNICATION PROTOCOL PROCESSING SECTION
- 608 CHARGING RATE STATISTICAL INFORMATION ACQUISITION SECTION
- 609 CHARGING RATE STATISTICAL STORAGE SECTION
- 612 USE SERVICE LIST STORAGE SECTION
- 618 ROUTE CONGESTION INFORMATION ACQUISITION SECTION
- 619 ROUTE CONGESTION INFORMATION STORAGE SECTION
- 620 LOAD ADAPTIVE TYPE SERVICE DETERMINATION SECTION

15/17

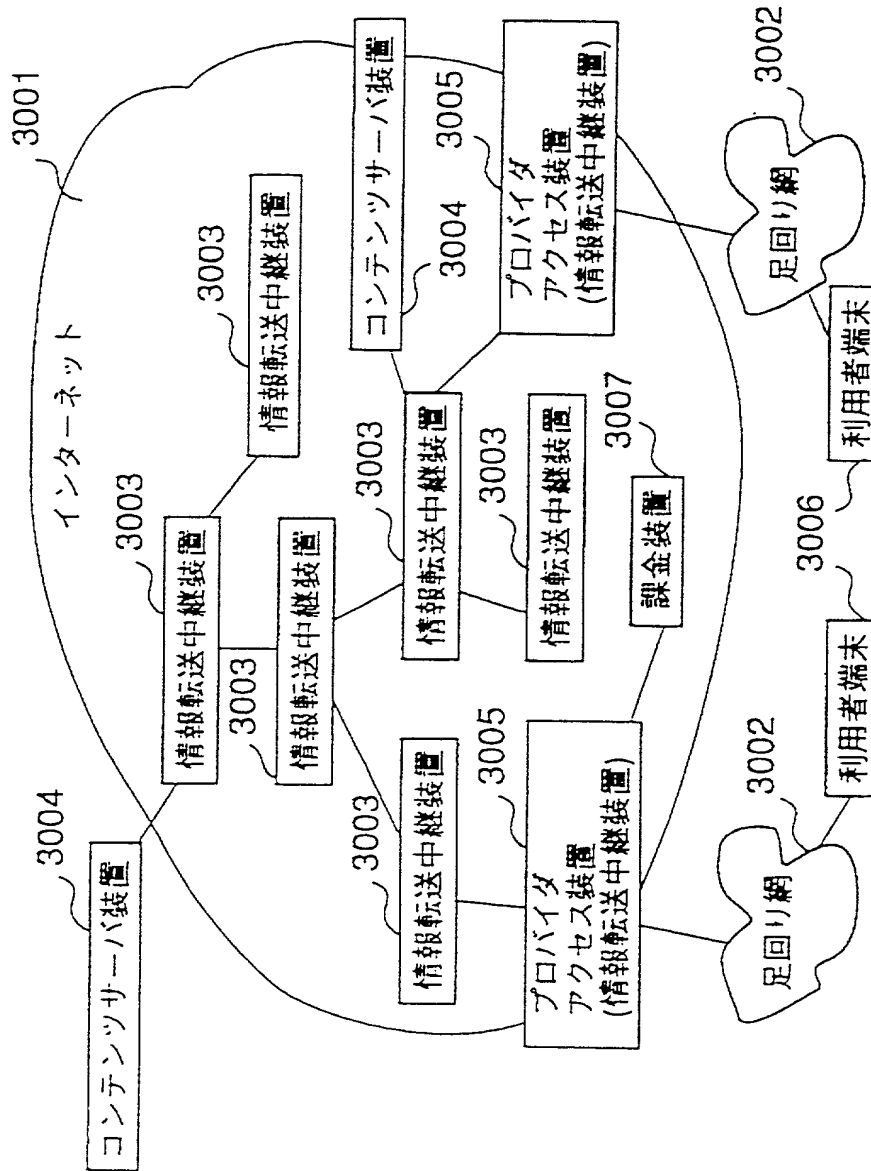
FIG. 24



- 301 NETWORK IF
- 302 COMMUNICATION PROTOCOL PROCESSING SECTION
- 303 TRANSFER CONTROL PROGRAM
- 306 SERVER SERVICE CHARGING RATE STORAGE SECTION
- 309 USER SERVER SERVICE LIST ACQUISITION SECTION
- 311 USE-SERVICE-LIST-BY-USER STORAGE SECTION
- 313 ROUTE CONGESTION INFORMATION ACQUISITION SECTION

16/17

FIG. 25

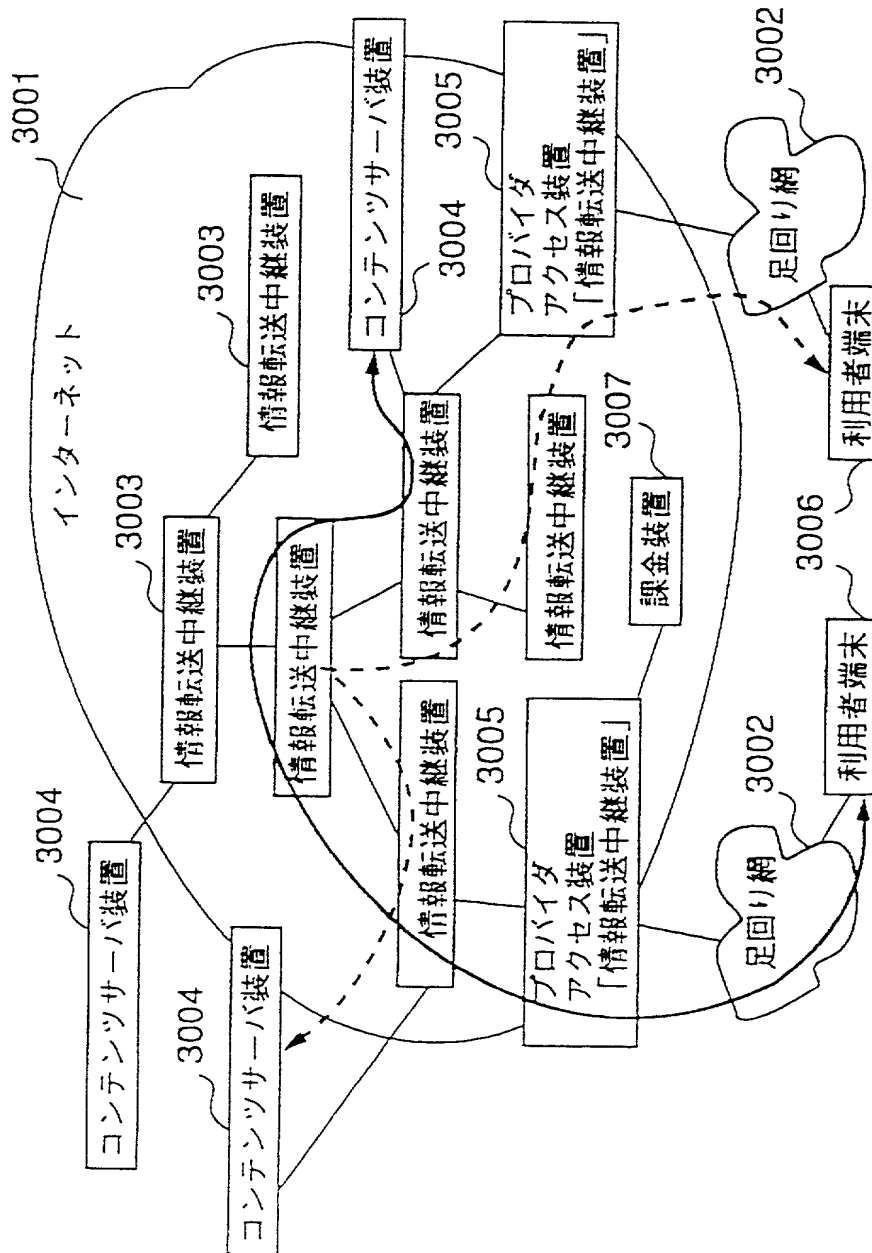


- 3001 INTERNET
- 3002 ACCESS NETWORK
- 3003 INFORMATION TRANSFER RELAY UNIT
- 3004 CONTENTS SERVER
- 3005 PROVIDER ACCESS UNIT  
(INFORMATION TRANSFER RELAY UNIT)
- 3006 USER TERMINAL
- 3007 CHARGING UNIT



17/17

FIG. 26



- 3001 INTERNET
- 3002 ACCESS NETWORK
- 3003 INFORMATION TRANSFER RELAY UNIT
- 3004 CONTENTS SERVER
- 3005 PROVIDER ACCESS UNIT  
(INFORMATION TRANSFER RELAY UNIT)
- 3006 USER TERMINAL
- 3007 CHARGING UNIT